flash [Group Flashing (2)] which may be red or white.

(6) Isolated danger marks are not used.

[CGD 86–031, 52 FR 42640, Nov. 6, 1987, as amended by CGD–94–091, 61 FR 27782, June 3, 1996; USCG–2001–9286, 66 FR 33640, June 25, 2001]

§ 62.53 Racons.

(a) Aids to navigation may be enhanced by the use of radar beacons (racons). Racons, when triggered by a radar signal, will transmit a coded reply to the interrogating radar. This reply serves to identify the aid station by exhibiting a series of dots and dashes which appear on the radar display in a line emanating radially from just beyond the echo of the aid station. Although racons may be used on both laterally significant and non-laterally significant aids alike, the racon signal itself is for identification purposes only, and therefore carries no lateral significance.

(b) Racons are also used as bridge marks to mark the best point of passage.

§ 62.54 Ownership identification.

Ownership identification on private or state aids to navigation is permitted so long as it does not change or hinder an understanding of the meaning of the aid to navigation.

[CGD 97–018, 63 FR 33573, June 19, 1998]

Subpart C—Maritime Radiobeacons

§ 62.55 General.

Maritime radiobeacons operate during specific intervals as published in Coast Guard Light Lists. For station identification, simple characteristics consisting of combinations of dots and dashes are used. The characteristics of marker-beacons are composed of series of dashes for part of a 15 second cycle, which is followed by a silent period to complete the cycle. The transmitted power of maritime radiobeacons is adjusted to provide a useable signal at the service range which meets the operational requirement. Marker-beacons are of low power for local use only. Coast Guard maritime radiobeacons operate within the frequency band 275–335 kilohertz.

§ 62.57 Carrier type operation.

Radiobeacons superimpose the characteristic code on a carrier frequency which is on continuously during the period of transmission.This extends the usefulness of maritime radiobeacons to aircraft and ships employing automatic direction finders.

§ 62.59 Calibration service.

Special calibration radiobeacons, as listed in the current editions of the Coast Guard Light Lists, will broadcast continuously for the purpose of enabling vessels to calibrate their direction finders upon request either to the cognizant District Commander, or, if time does not permit, directly to the calibration station. Signals for requesting calibration service are described in the current editions of the Coast Guard Light Lists. In the case of sequenced radiobeacon stations, continuous transmission for calibration purposes cannot be made without interference resulting with other stations in the same frequency group.

§ 62.61 Caution.

(a) A vessel steering a course for a radiobeacon should observe the same precautions that apply when steering for a light or any other mark.

(b) Distance cannot be accurately determined by radiobeacon signal. Mariners must exercise extreme caution when the aid to navigation which supports the radiobeacon is not visible, and no other means of determining its distance is available.

(c) If the radiobeacon is aboard a Large Navigational Buoy (LNB) or on any marine site, particular care should be exercised to avoid the possibility of collision. In addition, caution should be exercised in using radiobeacons aboard floating aids, because of the possibility that the aid could be off station.